

ABSTRACT

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A method and apparatus for reclaiming bus bandwidth on a full duplex bus. A source node sends a primary packet toward a destination node along a full duplex bus. If the destination node identifies an inability to accept the primary packet, it sends a NAK in the opposite direction along the full duplex bus towards the source node. Upon receiving the NAK, the source node aborts packet transmission of the primary packet which by virtue of the NAK has been identified as futile. Accordingly, the bandwidth, which would have otherwise have been used for the futile packet transmission, can be reclaimed and used for some other purpose.